

## TECHNICAL SHEET 02.02.01-EN



# JUBOGLET Elektrofix 1-50

## Electrical installation putty

### 1. Description, Application

JUBOGLET Elektrofix 1-50 is a fast-setting mortar mixture based on gypsum, intended for fixing electrical conductors, electrical installation pipes, inlets, distributors, switchgear and other housings in electrical installation works, as well as for filling installation channels, deeper grooves, joints, cracks, holes and depressions on internal wall and ceiling surfaces, such as fine and coarse plasters of all kinds, as well as unplastered concrete, brick, aerated concrete and other surfaces.

### 2. Technical data

|   |  |         |
|---|--|---------|
| Packaging   | 2 kg                                     |         |
| Density   | ~1.76 kg/dm <sup>3</sup>                 |         |
| Layer thickness   | <5 mm                                    |         |
| Water dilution mass                                     | 30 %                                     |         |
| Drying time<br>T = +20 °C, relative air humidity = 65 % | Suitable for further treatment           | 2-3 h   |
| Average consumption                                     | 1.1 kg/m <sup>2</sup> /mm                |         |
| Open time (ready-to-use mortar compound)                | T = +20 °C, relative air humidity = 65 % | 4 hours |

### 3. Installation Conditions

The temperature of the air and the wall base should be from +5 °C to +35 °C, and the relative air humidity should not be higher than 80%.

### 4. Surface Preparation

Surface should be solid, dry, and clean - without any badly-adhered particles, dust, remains of panelling oils, fat, or other dirt. All paint deposits, oil stains, lacquers and enamels are removed from the painted surfaces. Special

preparation of the base is not necessary, exceptionally after cleaning it is only moistened with water.

## 5. Preparation of the mixture

In a container made of soft rubber, mix the dry mortar mixture with approximately 30% water and use it immediately after mixing to fasten the installation elements to the wall surfaces. For attaching cables, installation pipes and other elements to ceiling surfaces, use the mass only when it starts to harden, i.e. 3 to 4 minutes after finishing mixing.

The stated rules are also observed when filling installation channels, regs, joints and recesses. We prepare the mortar mix on the fly and only as much as we can use. After 7 to 10 minutes (depending on the amount of water added), the mass completely hardens and is no longer usable.

## 6. Application of the mixture

The mass is applied with a stainless steel trowel or a stainless painter's trowel. If it is used as a leveling compound - to fill channels, regs, joints and small depressions - it can be sanded after 12 hours, after 2 to 3 days (depending on the thickness of the application) fine level with JUBOLIN Classic, JUBOLIN P 25 Fine or NIVELIN. If such leveling is not necessary, then the surface can be painted with one of the internal wall dispersion paints. Thoroughly clean the tools with water immediately after use. The container for preparation should be made of soft rubber so that the hardened mass can be easily cleaned.

## 7. Storage, Transportation Conditions and Durability

Storage and transportation at temperature +5°C to + 25°C, protected from the direct sunlight, out of reach of children, **MUST NOT FREEZE!!**

Shelf life when stored in an originally sealed and undamaged packaging: at least 12 months.

## 8. Other Information

Technical instructions are given based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work. JUB also bears no responsibility in cases where the substrate for the application of our products is prepared inadequately or with materials of inadequate quality from other manufacturers. In the case of applying our products to existing substrates of old coatings or pre-prepared substrates with materials from other manufacturers, it is obligatory to make appropriate test fields with all the intended applications of JUB products, in accordance with the technical instructions, before starting the work.

Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

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